

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/553,509
Source: PCT
Date Processed by STIC: 10/28/2005

ENTERED



PCT

RAW SEQUENCE LISTING

DATE: 10/28/2005

PATENT APPLICATION: US/10/553,509

TIME: 12:05:00

Input Set : A:\PTO.RJ.TXT

Output Set: N:\CRF4\10282005\J553509.raw

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3 <110> APPLICANT: Hirai, Mitsuharu
5 <120> TITLE OF INVENTION: Method of detecting beta3 adrenaline receptor mutant gene
and nucleic
6     acid probe and kit therefor
8 <130> FILE REFERENCE: TOYA114.010APC
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/553,509
C--> 11 <141> CURRENT FILING DATE: 2005-10-18
13 <150> PRIOR APPLICATION NUMBER: PCT/JP2004/005525
14 <151> PRIOR FILING DATE: 2004-04-16
16 <150> PRIOR APPLICATION NUMBER: JP 2003-114381
17 <151> PRIOR FILING DATE: 2003-04-18
19 <160> NUMBER OF SEQ ID NOS: 12
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22 <211> LENGTH: 1227
23 <212> TYPE: DNA
24 <213> ORGANISM: Homo sapiens
26 <220> FEATURE:
27 <221> NAME/KEY: allele
28 <222> LOCATION: 190
30 <400> SEQUENCE: 1
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32 gcgccaata cgcacaacac cagtgggctg ccaggggttc cgtgggaggc ggccctagcc      120
33 ggggcccctgc tggcgctggc ggtgctggcc accgtgggag gcaacctgct ggtcatcgctg      180
34 gccatcgctt ggactccgag actccagacc atgaccaacg tgttcgtgac ttcgctggcc      240
35 gcagccgacc tggatgatggg actcctgggtg gtgcgcggcg cggccacctt ggcgctgact      300
36 ggccactggc cggtgggcgc cactggctgc gagctgtgga cctcggtgga cgtgctgtgt      360
37 gtgaccgcca gcacgaaac cctgtgcgcc ctggcgtgg accgctacct ggctgtgacc      420
38 aaccgctgc gttacggcgc actggtcacc aagcgtgcg cccggacagc tgtggtcctg      480
39 gtgtgggtcg tgcggccgc ggtgtcgttt gcgcccata tgagccagtg gtggcgcgta      540
40 ggggcccagc cggaggcgca gcgctgccac tccaaccgc gctgctgtgc ctgcgcctcc      600
41 aacatgcctt acgtgctgct gtccctcctcc gtctccttct acctcctct tctcgtgatg      660
42 ctcttcgtct acgcgcgggt ttctgtggtg gctacgcgcc agctgcgctt gctgcgcggg      720
43 gagctgggcc gctttccgcc cgaggagtct ccgcggcgcc cgtcgcgctc tctggccccg      780
44 gccccggtgg ggacgtgcgc tccgcccga ggggtgcccg cctgcggccg gcggcccgcg      840
45 cgcctcctgc ctctccggga acaccgggcc ctgtgcacct tgggtctcat catgggcacc      900
46 ttactctct gctggttgcc cttctttctg gccaacgtgc tgcgcgccct ggggggcccc      960
47 tctctagtc cgggcccggc ttctcttgcc ctgaactggc taggttatgc caattctgcc      1020
48 ttcaaccgc tcactactg ccgcagcccg gactttcgca gcgccttccg ccgtcttctg      1080
49 tgccgctgc gccgtgcct gcctccggag ccctgcgccg ccgcccgcc ggccctcttc      1140
50 ccctcgggcg ttctgcggc ccggagcagc ccagcgcagc ccaggctttg ccaacggctc      1200
51 gacggggctt cttggggagt ttcttag      1227
53 <210> SEQ ID NO: 2
54 <211> LENGTH: 1227
55 <212> TYPE: DNA

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56 <213> ORGANISM: Homo sapiens
58 <220> FEATURE:
59 <221> NAME/KEY: allele
60 <222> LOCATION: 190
62 <400> SEQUENCE: 2
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65 ggggccctgc tggcgctggc ggtgctggcc accgtgggag gcaacctgct ggtcatcgtg      180
66 gccatcgccc ggactccgag actccagacc atgaccaacg tgttcgtgac ttcgctggcc      240
67 gcagccgacc tggatgatgg actcctgggt gtgccgccgg cggccacctt ggcgctgact      300
68 ggccactggc cgttgggcgc cactggctgc gagctgtgga cctcgggtga cgtgctgtgt      360
69 gtgaccgcca gcatcgaaac cctgtgcgcc ctggcctgtg accgctacct ggctgtgacc      420
70 aaccgcgtgc gttacggcgc actggtcacc aagcgctgcg ccgggacagc tgtggtcctg      480
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73 aacatgccct acgtgctgct gtccctcctc gtctccttct accttcctct tctcgtgatg      660
74 ctcttcgtct acgcgcgggt ttctgtgggt gctacgcgcc agctgcgctt gctgcgcggg      720
75 gagctgggcc gctttccgcc cgaggagtct ccgccggcgc cgtcgcgctc tctggccccg      780
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78 ttactctctc gctggttgcc cttctttctg gccaacgtgc tgcgcgcctt ggggggcccc      960
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81 tgccgctgcg gccgtgcctt gcctccggag ccctgcgcgc ccgcccgccc ggccctcttc      1140
82 ccctcgggcg ttctgcggc ccggagcagc ccagcgcagc ccaggctttg ccaacggctc      1200
83 gacggggctt cttggggagt ttcttag      1227
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86 <211> LENGTH: 20
87 <212> TYPE: DNA
88 <213> ORGANISM: Artificial Sequence
90 <220> FEATURE:
91 <223> OTHER INFORMATION: primer
93 <400> SEQUENCE: 3
94 gccagcgaag tcacgaacac      20
96 <210> SEQ ID NO: 4
97 <211> LENGTH: 14
98 <212> TYPE: DNA
99 <213> ORGANISM: Artificial Sequence
101 <220> FEATURE:
102 <223> OTHER INFORMATION: primer
104 <400> SEQUENCE: 4
105 ggcgctggcg gtgc      14
107 <210> SEQ ID NO: 5
108 <211> LENGTH: 16
109 <212> TYPE: DNA
110 <213> ORGANISM: Artificial Sequence
112 <220> FEATURE:
113 <223> OTHER INFORMATION: probe
115 <400> SEQUENCE: 5

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Input Set : A:\PTO.RJ.TXT

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116 ccatcgcccg gactcc	16
118 <210> SEQ ID NO: 6	
119 <211> LENGTH: 19	
120 <212> TYPE: DNA	
121 <213> ORGANISM: Artificial Sequence	
123 <220> FEATURE:	
124 <223> OTHER INFORMATION: probe	
126 <400> SEQUENCE: 6	
127 ccatcgcccg gactccgag	19
129 <210> SEQ ID NO: 7	
130 <211> LENGTH: 19	
131 <212> TYPE: DNA	
132 <213> ORGANISM: Artificial Sequence	
134 <220> FEATURE:	
135 <223> OTHER INFORMATION: probe	
137 <400> SEQUENCE: 7	
138 gtcacgtgg ccatcgccc	19
140 <210> SEQ ID NO: 8	
141 <211> LENGTH: 20	
142 <212> TYPE: DNA	
143 <213> ORGANISM: Artificial Sequence	
145 <220> FEATURE:	
146 <223> OTHER INFORMATION: probe	
148 <400> SEQUENCE: 8	
149 cgtggccatc gcccgactc	20
151 <210> SEQ ID NO: 9	
152 <211> LENGTH: 20	
153 <212> TYPE: DNA	
154 <213> ORGANISM: Artificial Sequence	
156 <220> FEATURE:	
157 <223> OTHER INFORMATION: probe	
159 <400> SEQUENCE: 9	
160 catcgccctgg actccgagac	20
162 <210> SEQ ID NO: 10	
163 <211> LENGTH: 18	
164 <212> TYPE: DNA	
165 <213> ORGANISM: Artificial Sequence	
167 <220> FEATURE:	
168 <223> OTHER INFORMATION: probe	
170 <400> SEQUENCE: 10	
171 catcgccctgg actccgag	18
173 <210> SEQ ID NO: 11	
174 <211> LENGTH: 16	
175 <212> TYPE: DNA	
176 <213> ORGANISM: Artificial Sequence	
178 <220> FEATURE:	
179 <223> OTHER INFORMATION: probe	
181 <400> SEQUENCE: 11	
182 catcgccctgg actccg	16

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Input Set : A:\PTO.RJ.TXT

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184 <210> SEQ ID NO: 12

185 <211> LENGTH: 15

186 <212> TYPE: DNA

187 <213> ORGANISM: Artificial Sequence

189 <220> FEATURE:

190 <223> OTHER INFORMATION: probe

192 <400> SEQUENCE: 12

193 catcgctgg actcc

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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/553,509

DATE: 10/28/2005

TIME: 12:05:01

Input Set : A:\PTO.RJ.TXT

Output Set: N:\CRF4\10282005\J553509.raw

L:10 M:270 C: Current Application Number differs, Replaced Application Number

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date